



AMENDMENT UNDER 37 C.F.R. § 1.111
Application No. 06/066,706
Attorney Docket No.: Q91507

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) A fire-fighting robot which is self-propelled and remote-controlled via wireless or mobile communications to fight a fire comprising
a barrel portion,
one or more fire extinguisher storage portions disposed in said barrel portion for storing a fire extinguisher which provides a jet of a fire-fighting agent from a jet outlet ~~by depressing a lever~~ in response to activating a fire extinguisher control mechanism coupled to the fire extinguisher,
a jet control portion disposed in said fire extinguisher storage portion for ~~depressing said lever~~ activating the fire extinguisher control mechanism,
a head portion disposed to be capable of swiveling laterally and tilting vertically on top of said barrel portion,
a jet outlet securing portion disposed at said head portion for detachably securing said jet outlet of said fire extinguisher, and
a remote control camera disposed in said head portion to orient in the same direction as the direction of the jet of the fire-fighting agent from said jet outlet.

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2. (previously presented) The fire-fighting robot according to Claim 1, comprising
a right-side fire extinguisher storage portion disposed on the right side of said barrel
portion and a left-side fire extinguisher storage portion disposed on the left side of said barrel
portion, wherein

said jet control portion is disposed in each of said right-side fire extinguisher storage
portion and said left-side fire extinguisher storage portion.

3. (currently amended) The fire-fighting robot according to Claim 1 or 2, wherein
the fire extinguisher control mechanism includes a lever attached to the fire extinguisher which
when depressed causes the jet of fire fighting agent to be expelled from the jet outlet, and
wherein the jet control portion comprises

a lever depressing portion for depressing said lever in the direction of said lever being
gripped,

a depressing portion support member for slidably supporting said lever depressing
portion,

a movable portion coupled to said lever depressing portion via a coupling shaft and
having a female screw hole with a female screw formed therein,

a threaded shaft to be screwed into the female screw hole of said movable portion, and
a drive motor for rotating said threaded shaft.

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4. (currently amended) The fire-fighting robot according to ~~any one of Claims~~
Claim 1 to 3, further comprising a camera motor for vertically swiveling said remote control
camera independently with respect to said head portion.

5. (currently amended) The fire-fighting robot according to ~~any one of Claims 1 to~~
4Claim 1, wherein the fire extinguisher storage portion comprises a fire extinguisher securing
board for fixing and supporting an upper portion of said fire extinguisher.